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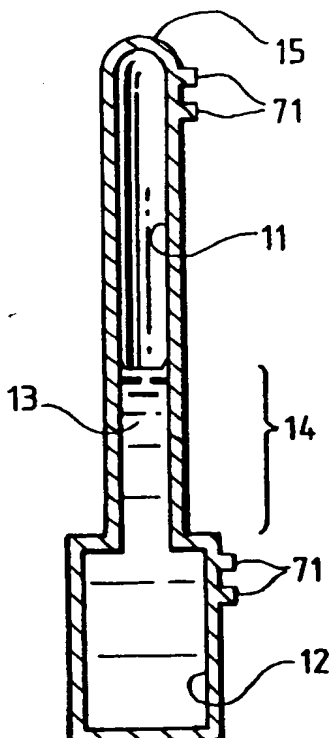
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| <p>(51) <b>International Patent Classification<sup>6</sup>:</b>      <b>A61B 5/00</b></p> <p>(21) <b>International Application Number:</b>      PCT/US99/15036</p> <p>(22) <b>International Filing Date:</b>      2 July 1999 (02.07.1999)</p> <p>(25) <b>Filing Language:</b>      English</p> <p>(26) <b>Publication Language:</b>      English</p> <p>(71) <b>Applicant and</b></p> <p>(72) <b>Inventor:</b> REIFFEL, Leonard [US/US]; 602 Deming Place, Chicago, IL 60605 (US).</p> <p>(74) <b>Agent:</b> MOYER, Donald; Patent Agent, 431 S. Dearborn 705, Chicago, IL 60605 (US).</p> <p>(81) <b>Designated States (national):</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE,</p> | <p>ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.</p> <p>(84) <b>Designated States (regional):</b> ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published:</b><br/>— <i>With international search report.</i></p> <p><i>For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.</i></p> |
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**(54) Title: THERMOMETER IMPLANTS**



**(57) Abstract:** A thermometer implant (10), especially useful in medical diagnostic and therapeutic procedures, comprises a thermometer body (15) containing a fluid (13) which expands, and contracts to a fluid length (14) that indicates a target temperature at a target time, and which is located in a body from where the expanding fluid is not visible at the target time, with the fluid length (14) at the target time being measured outside the body.

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